

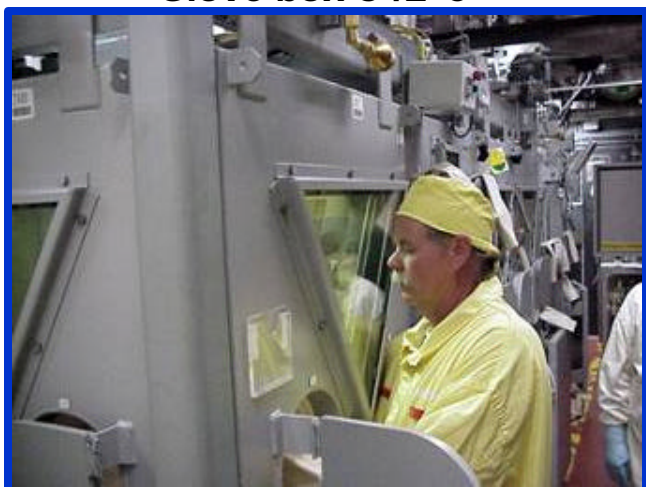
# PHMC CONTRACT OVERVIEW

D. B. Van Leuven, President and Chief  
Executive Officer/(509) 376-3576

## Fast Flux Test Facility Solid Waste Cask



## Stabilization Packaging in Glove box 642-C



## K West Basins

### Fuel Retrieval System



### Canister Cleaner Operations



### Loading Cask on Trailer at K West

## 183-H Basin Waste Disposal



## OVERVIEW

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of the end of August 2003.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely and cost-effective clean up; progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

## NOTABLE ACCOMPLISHMENTS

### Spent Nuclear Fuel (SNF)

**Sludge Retrieval and Disposition:** Effective September 17, 2003, sludge and water system (SWS) activities were reorganized into a single organization reporting directly to FH's President and Chief Executive Officer. This reorganization is a key component of FH's management plan to bring focus on SWS activities.

**K East SWS:** On September 12, 2003, DOE approved the SWS Design Safety Analysis (DSA) to support construction that documented FH's technical approach for the SWS. The DSA for the SWS will be submitted to RL by September 29, 2003. Approval will be required by October 6, 2003, in order to maintain schedule.

The project remains on schedule for critical path activities required to declare operational readiness on October 18, 2003.

**K West SWS:** During the week of August 25, 2003, the project conducted several working sessions supporting the development of the initial hazards analysis for sludge retrieval, transportation and storage.

Evaluation of vendor bid packages for the design/build contract was completed. The contract will be placed by October 10, 2003.

Revisions were drafted to update key technical basis documentation (Revision 10 to HNF-SD-SNF-TI-015, *Spent Nuclear Fuel Project Technical Databook Volume 2, Sludge* and Revision 2 to SNF-7756, *Supporting Basis for Spent Nuclear Fuel Project Sludge Technical Databook*). The revisions have been distributed for technical and peer review.

**Fuel Movement Activities:** The SNF project completed shipment of six multi-canister over packs (MCOs) containing 23.96 metric tons of heavy metal (MTHM) from the K West Basin to the Cold Vacuum Drying Facility. As of September 22, 2003, a cumulative total of 264 MCOs containing 1,420.11 MTHM have been shipped.

**Fuel Transfer System (FTS):** The project completed nine FTS shipments (90 canisters). As of September 22, 2003, a cumulative total of 169 FTS shipments (1,690 canisters) have been completed.

## **NOTABLE ACCOMPLISHMENTS, CONTINUED**

**MCO Welding at Canister Storage Building:** The project welded and "N" stamped 11 MCOs. As of September 22, 2003, the project welded a cumulative total of 80 MCOs and is eight MCOs ahead of schedule.

### **Central Plateau (CP) Remediation Project**

**200 Area Remediation:** Regulator comments on the U Plant Waste Site Focused Feasibility Study and Proposed Plan were received on August 19, 2003. A stakeholder tour of the BC Cribs and Controlled Area was completed on August 20, 2003. On August 28, 2003, the draft Sample Analysis Plan for the 216-B-26 borehole in the BC Cribs was completed for RL and the regulator review.

The 224-B Engineering Evaluation/Cost Analysis was submitted to the Environmental Protection Agency (EPA) on August 6, 2003. Received comments from EPA/U.S. Department of Ecology (Ecology) on the Canyon Disposition Initiative Feasibility Study and Proposed Plan.

Received approval from EPA on the 233-S Remedial Action Report and Air Monitoring Plan on August 26, 2003.

**300 Area Facility Transition:** FH Project Management approved the final design of the Liquid Waste Handling System (LWHS) on August 26, 2003. Avantech, Inc., was released to begin fabrication of the LWHS which will be installed in the 324 Building B Cell.

### **Plutonium Finishing Plant (PFP) Project**

On August 21, 2003, PFP received the Voluntary Protection Program Star Status from the Department of Energy. PFP is the first former defense production facility to achieve this prestigious safety award.

### **Maintain Safe and Secure Special Nuclear Materials**

In early August, PFP received the first shipment of the Fast Flux Test Facility (FFTF) fuel. Receiving this fuel supports the accelerated Decontamination and Decommissioning (D&D) of the FFTF Reactor.

### **Stabilization of Nuclear Materials**

**Metals, Alloys, Oxides and Polycubes:** Three hundred forty-eight oxide items were processed during the reporting period. As of August 24, 2003, 2,442 oxide items have been processed under the fiscal year (FY) 2003 work scope.

**Residues:** On August 6, 2003, PFP formally completed the Defense Nuclear Facilities Safety Board (DNFSB) commitment for residues repackaging, eight months ahead of the DNFSB milestone and six months ahead of the FH baseline commitment.

**Outer Can Packaging:** One hundred forty-seven 3013 containers were produced during August. Eight hundred seventy-nine 3013 containers have been produced during this fiscal year.

### **Disposition of Nuclear Materials**

Sixteen containers of waste materials (low level, transuranic (TRU)/TRU mixed waste, etc.) and twenty-six pipe overpack containers of waste were shipped to the Central Waste Complex (CWC). The 9975 Safety Analysis Report for Packaging document was approved by DOE-HQ on August 15, 2003.

## NOTABLE ACCOMPLISHMENTS, CONTINUED

### Disposition PFP Facility

**Transition 232-Z Facility:** RL has transmitted a letter to the Washington State Department of Health (WDOH) on August 22, 2003, agreeing with the 232-Z Notice of Construction (NOC) Conditions and Limitations and requesting an approved NOC by September 18, 2003.

**Transition 241-Z Facility:** The 241-Z D&D NOC, Rev. 2, and Alternate Monitoring Plan were submitted to RL on schedule on August 8, 2003, and transmitted by RL to WDOH on August 18, 2003.

**Transition 241-Z-361 Facility EE/CA:** Tank 241-Z-361 EE/CA was delivered to RL on schedule (August 26, 2003). FH requested that RL complete the action memorandum by December 26, 2003.

### Fast Flux Test Facility (FFTF) Closure Project

**Fuel Offload:** A significant accomplishment was made this month with the loading and delivery of an Interim Storage Cask (ISC) to the PFP. Before fuel assemblies are loaded into the ISC, they are washed in the Sodium Removal System to remove sodium deposits, and then thoroughly dried. Each ISC holds seven fuel assemblies in dry, above-ground storage. Efforts to ship 7 more ISC's to PFP are ongoing.

### Waste Management Project

**TRU Waste Program:** Completed six shipments to the Waste Isolation Pilot Plant in August, bringing the fiscal year to date total to 231 cubic meters ( $\text{m}^3$ ), 153  $\text{m}^3$  more than the 78  $\text{m}^3$  planned for FY 2003.

**Mixed Low Level Waste (MLLW) Treatment:** FH completed shipments totaling 363  $\text{m}^3$  of 183 H Basin waste to the Environmental Restoration Disposal Facility (ERDF) in August. This waste stream represents approximately 60% (3,730  $\text{m}^3$  or 12,300 containers) of currently stored MLLW at the CWC. A total of 462  $\text{m}^3$  of MLLW was treated and disposed of in August, bringing the fiscal year to date total to 1,445  $\text{m}^3$ .

**Liquid Waste Processing:** The 200 Area Effluent Treatment Facility treated 1.3 million gallons of Operable Unit UP-1 groundwater and ERDF leachate. The 300 Area Treated Effluent Disposal Facility treated and disposed of 4.1 million gallons of industrial wastewater, supporting cleanout of several 300 Area facilities.

**Groundwater Remediation:** FH completed decommissioning 61 percent (35 of 57) of the wells in the initial well decommissioning contract. Fifty-one of the 153 wells for inclusion into a second decommissioning contract have been identified.

## GOVERNMENT FURNISHED SERVICE/ITEM (GFS/I)

Listed below are the near-term RL action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open GFS/I from prior periods) are shown. Currently eight RL GFS/I to FH are late (shown in red boxes below). The "blue" text is hyper-linked to the current PHMC/RL contract at web site

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NOTE: GFS/I data through September 22, 2003.



## GFS/I, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed	Comments
GF0009	<a href="#">C.2.2.1.1</a> <a href="#">Surplus Canyon and Ancillary Facilities</a>	<a href="#">WBS 3.3.1.7</a> <a href="#">Central Plateau Facility D&amp;D Disposition U Plant Facility</a>	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.1.1, Row 1, GFS/GFI 1</a>	<b>Obtain approval of CERCLA decision documents to support demolition of Central Plateau excess hazardous facilities within 60 days of submittal.</b>				
					Approve Action Memorandum for 224-B within 60 days of submittal of the 224-B EE/CA. <b>Commitment: 20 September 2003</b>		224-B EE/CA	<a href="#">FH-0302858</a> <b>Completed: 22 July 2003</b>	When the approved Action Memorandum is issued, impacts to follow on documents including the Sampling Analysis Plan, Health and Safety Plan, Air Monitoring Plan & Removal Action Work Plan will be determined.
					Approve Action Memorandum for 224-T within 60 days of submittal of the 224-T EE/CA. <b>Commitment: 28 September 2003</b>		224-T EE/CA	<a href="#">FH-0302930</a> <b>Completed: 30 July 2003</b>	When the approved Action Memorandum is issued, impacts to follow on documents including the Sampling Analysis Plan, Health and Safety Plan, Air Monitoring Plan & Removal Action Work Plan will be determined.
GF0020	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium Finishing Plant (PFP) Cleanup</a>	<a href="#">WBS 3.3.3.4</a> <a href="#">Disposition SNM Disposition SNM</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 4, GFS/GFI 2</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PIS-3, Attachment 1, GFS/GFI</a>	Approve Supplement Analysis and Record of Decision amendment for PFP Weapon Grade and Fuel Grade material. <b>Commitment: 28 February 2003</b>				ISSUE: FH submitted letter to RL 3/4/02, of RL's delay. Upon FH's receipt of the GFS, change by contract modification will be requested from RL reflecting the impacts. <a href="#">FH-0300952</a>
GF0024	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium Finishing Plant (PFP) Cleanup</a>	<a href="#">WBS 3.3.3.4</a> <a href="#">Disposition SNM Disposition SNM</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 4, GFS/GFI 5</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PIS-3, Attachment 1, GFS/GFI</a>	Obtain SAFKEG Certificate of Compliance. <b>Commitment: 1 March 2003</b>				ISSUE: FH submitted letter to RL 3/5/03, of RL's delay. Upon FH's receipt of the GFS, a change by contract modification is requested from RL reflecting the impacts. <a href="#">FH-0300969</a> ISSUE: RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AMI-0018</a>
GF0027	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium Finishing Plant (PFP) Cleanup</a>	<a href="#">WBS 3.3.3.4</a> <a href="#">Disposition SNM Disposition SNM</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 4, GFS/GFI 8</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PIS-3, Attachment 1, GFS/GFI</a>	<b>Provide SST beginning 1 November 2003, at a rate to achieve an average of 16.5-truck and trailer shipments per quarter until de-inventory is completed or provide written direction to proceed with the design, construction and loading of an alternate on-site storage facility.</b>				
					Provide written direction to proceed with the design, construction and loading of an alternate on-site storage facility. <b>Commitment: 31 March 2003</b>				RL letter directed FH to continue consolidation to SRS as baseline. Final decision on material disposition expected in September.

## GFS/I, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed	Comments
GF0029	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium</a> <a href="#">Finishing</a> <a href="#">Plant (PFP)</a> <a href="#">Cleanup</a>	<a href="#">WBS 3.3.3.5</a> <a href="#">Disposition</a> <a href="#">PFP Facility</a> <a href="#">Disposition</a> <a href="#">PFP</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 5, GFS/GFI 2</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-5, Attachment 3, GFS/GFI</a>	Approve PFP D&D Basis for Interim Operations (BIO) within 60 days of submittal <b>Commitment: 1 October 2003</b>		<i>Basis of Interim Operations (BIO) for 234-5Z Deactivation</i> <b>Planned: 12 June 2003</b>	<a href="#">FH-0302321</a> <b>Completed: 12 June 2003</b>	ISSUE: RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AMI-0018</a> ISSUE: FH-0302321.2, dated September 11, 2003, extends the approval past the GFS/I to Oct 1, 2003 without programmatic impact to FH. <a href="#">FH-0302321.2</a>
GF0030	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium</a> <a href="#">Finishing</a> <a href="#">Plant (PFP)</a> <a href="#">Cleanup</a>	<a href="#">WBS 3.3.3.5</a> <a href="#">Disposition</a> <a href="#">PFP Facility</a> <a href="#">Disposition</a> <a href="#">PFP</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 5, GFS/GFI 3</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-5, Attachment 3, GFS/GFI</a>	Decision on PFP Transition Environmental Assessment within 180 days of submittal <b>Commitment: 29 June 2003</b>		<i>PFP Transition Environmental Assessment (EA)</i> <b>Planned: 31 December 2002</b>	<a href="#">FH-0206027</a> <b>Completed: 31 December 2002</b>	FH transmitted their response to public comments to RL on 8/13/03. Awaiting DOE decision. ISSUE: FH submitted letter to RL 7/31/03 of RL's delay. Upon FH's receipt of the GFS, a change by contract modification may be requested from RL reflecting the impacts. <a href="#">FH-0303001</a>
GF0031	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium</a> <a href="#">Finishing</a> <a href="#">Plant (PFP)</a> <a href="#">Cleanup</a>	<a href="#">WBS 3.3.3.5</a> <a href="#">Disposition</a> <a href="#">PFP Facility</a> <a href="#">Disposition</a> <a href="#">PFP</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 5, GFS/GFI 4</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-5, Attachment 3, GFS/GFI</a>	Approve facility End Point Criteria document within 90 days of submittal. <b>Commitment: 25 September 2003</b>		M-83-20: Submit Facility End Point Criteria Document to Ecology <b>Commitment: 30 September 2003</b> <b>Planned: 30 June 2003</b>	<a href="#">FH-0302151</a> <b>Completed: 27 June 2003</b>	ISSUE: RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AMI-0018</a> ISSUE: RL letter 03-PTD-0110/0303245A, dated 8-19-03 - reviewed and commented on document FH-0302151. <a href="#">0303245A/03-PTD-0110</a> ISSUE: RL responded to FH-0302151, in letter 03-PTD-0110, August 19, 2003.  Subsequently, FH transmits 0303245R1 with RL comments incorporated on September 15, 2003. <a href="#">FH-0303245R1</a>
GF0036	<a href="#">C.2.2.1.2</a> <a href="#">Plutonium</a> <a href="#">Finishing</a> <a href="#">Plant (PFP)</a> <a href="#">Cleanup</a>	<a href="#">WBS 3.3.3.5</a> <a href="#">Disposition</a> <a href="#">PFP Facility</a> <a href="#">Disposition</a> <a href="#">PFP</a>	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 5, GFS/GFI 7</a>	US/Russian NDA activities will be conducted on a non-interference basis and will be terminated by 30 September 2003 <b>Commitment: 30 September 2003</b>				PNNL started final measurements 8/27/03; upon finishing this item will be considered complete.
GF0063	<a href="#">C.2.6</a> <a href="#">Groundwater</a> <a href="#">Protection</a>	<a href="#">WBS 3.4.3.6</a> <a href="#">Eliminate</a> <a href="#">Artificial</a> <a href="#">Recharge</a> <a href="#">Conditions</a> <a href="#">Prevent</a> <a href="#">Further</a> <a href="#">Degradation</a>	• Waste Management	<a href="#">DE-AC06-96RL13200, C.2.6, Row 2, GFS/GFI 1</a>	Decisions, requirements and approvals for constructing surface barriers. <b>Commitment: 30 September 2003</b>				FH has agreed with DOE that this GFS/GFI should be deleted. It is still in the contract statement of work, but will be removed in a contract modification. ISSUE: RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AMI-0018</a>

## GFS/I, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed	Comments
GF0071	<a href="#">C.3.3</a> <a href="#">Waste Receiving and Processing Facility (WRAP)</a>	<a href="#">WBS 3.3.2.4</a> <a href="#">TRU Program Disposition Transuranic Waste from WRAP/APL Processing to WIPP</a>	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.3, Row 3, GFS/GFI 7</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-4, Attachment 2, GFS/GFI</a>	Approval to ship TRU Waste through the State of Oregon during winter months (December through March). <b>Commitment: 30 September 2003</b>				
GF0080	<a href="#">C.3.11</a> <a href="#">Mixed Waste Disposal Trenches (MWDT)</a>	<a href="#">WBS 3.3.2.1</a> <a href="#">Solid Waste Storage and Disposal Low-Level Mixed Waste</a>	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.11, Row 1, GFS/GFI 2</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-4, Attachment 2, GFS/GFI</a>	Approve the 200 ETF Delisting Modification Petition for acceptance of unrestricted F039 multi-source leachate for Hanford's RCRA Subtitle-C disposal units. <b>Commitment: 31 January 2003</b>				Latest estimated completion from DOE-RL is 9/30/2003. <b>ISSUE:</b> RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AM-0018</a> <b>ISSUE:</b> Impending impact, assuming date is missed, request recovery plan w/ revised date. (PI) S-4 (1b) <b>FH-0300381</b> <b>ISSUE:</b> RL response dated 4/4/2003 to FH letter FH-0300381. The existing public comment and comment resolution cycles lead towards an expected July 15, 2003, completion date for delisting petition. <a href="#">0301510/03-PRO-0317</a>
GF0083	<a href="#">C.3.11</a> <a href="#">Mixed Waste Disposal Trenches (MWDT)</a>	<a href="#">WBS 3.3.2.9</a> <a href="#">Waste Management Project Management &amp; Support Provide Waste Management Services</a>	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.11, Row 1, GFS/GFI 5</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-4, Attachment 2, GFS/GFI</a>	Approve Hanford Solid Waste EIS (Issue Record of Decision) <b>Commitment: 31 July 2003</b>				<b>ISSUE:</b> FH submitted letter to RL 8/25/03, of RL's delay. FH requests a recovery plan. Upon FH's receipt of the GFS, a change by contract modification may be requested from RL reflecting the impacts. <b>FH-0303025</b>
GF0084	<a href="#">C.3.11</a> <a href="#">Mixed Waste Disposal Trenches (MWDT)</a>	<a href="#">WBS 3.3.2.1</a> <a href="#">Solid Waste Storage and Disposal Low-Level Mixed Waste</a>	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.11, Row 1, GFS/GFI 6</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PI S-4, Attachment 2, GFS/GFI</a>	Authorize in-trench RCRA treatment, including alternative treatment of MLLW <b>Commitment: 1 September 2003</b>				<b>ISSUE:</b> RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable <a href="#">0301744 / 03-AM-0018</a> <b>ISSUE:</b> Authorization for in-Trench MLLW treatment is pending approval of Hanford Solid Waste EIS. Impacts documented in FH-0303025 submitted to RL on 8/25/2003.

## GFS/I, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed	Comments
GF0092	<a href="#">C.5.1 Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 6.10.1.5.2 Radiation Protection</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.5.1, Row 6, GFS/GFI 1</a>	<b>Approve volumetric and real property release documentation within 60 days of receipt or in accordance with approved Project Plan milestones.</b> <b>Commitment: 10 April 2003</b>		<i>Authorized Limits for the Washington Nuclear Power Supply Plant (WNP) -1 &amp; WNP-4 Sites</i>	<a href="#">FH-0205262AR1</a> <b>Completed: 10 February 2003</b>	This is an RL action for them to give us comments on our submittal to them of authorized limits for the release of the WNP 1/4 land. The request has been sent by RL to HQ. RL does not anticipate receiving approval or comments in the near future. This is not an impact to FHI, so we will not pursue it at this time. <b>ISSUE: RL Letter dated 4/18/2003 notes GFS/GFI is unacceptable</b> <a href="#">0301744 / 03-AML-0018</a>

## CONTRACT DELIVERABLES

Listed below are the current FH contract deliverables. Only data for the next 30 days (including any open deliverables from prior periods) are shown. Only two FH Deliverables to RL (CD0063 and CD0244) are late. The "blue" text is hyper-linked to the current PHMC/RL contract at web-site

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NOTE: All contract deliverable data is through September 22, 2003.



## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0008	<a href="#">C.2.2.1.1 Surplus Canyon and Ancillary Facilities</a>	WBS 3.3.1.1.11 Central Plateau Waste Sites Remedial Action Soil Sites at Central Plateau	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.1.1, Row 1, Deliverable 1</a> <a href="#">DE-AC06-96RL13200, Section J, Appendix D, PLS-6</a>	Plan to optimize timing and sequencing for disposition of excess facilities and remediation of waste sites <b>Commitment: 30 September 2003</b> <b>Planned: 30 September 2003</b>				
CD0021	<a href="#">C.2.2.1.2 Plutonium Finishing Plant (PFP) Cleanup</a>	WBS 3.3.3.2 Maintain Safe and Compliant PFP Maintain Safe and Compliant PFP	• Plutonium Finishing Plant	<a href="#">DE-AC06-96RL13200, C.2.2.1.2, Row 2, Deliverable 2</a>	<b>PFP update to Final Safety Analysis Report (SAR) (including Hazard Analysis Data) (Annual)</b>  PFP update to Final Safety Analysis Report (SAR) (including Hazard Analysis Data) (2003) <b>Planned: 30 September 2003</b>				
CD0027	<a href="#">C.2.2.1.3 Waste Encapsulation and Storage Facility (WESF) Cleanup</a>	WBS 3.3.2.5 WESF (HLW Storage) Maintain Safe & Compliant Waste Encapsulation and Storage Facility Operations	• Waste Management	<a href="#">DE-AC06-96RL13200, C.2.2.1.3, Row 1, Deliverable 2</a> <a href="#">DE-AC06-96RL13200, H.41, first sentence</a> <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for WESF (review and update yearly)</b>  Authorization Agreement for WESF (2003) <b>Planned: 13 October 2003</b>				
CD0029	<a href="#">C.2.2.1.5 Railcar Disposition</a>	WBS 3.3.1.9 Equipment Disposition Project Disposition Equipment in a Safe & Compliant Manner	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.1.5, Row 1, Deliverable 1</a>	Identified contaminated railcars and equipment dispositioned. <b>Commitment: 30 September 2003</b> <b>Planned: 30 September 2003</b>				
CD0220	<a href="#">C.2.2.2 200 Area Waste Site Cleanup</a>	WBS 3.3.1.11 Central Plateau Waste Sites Remedial Action Soil Sites at Central Plateau	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.2, Row 1, Deliverable 7</a>	M-15-39A: Completed chemical sewer group field work through sample collection and analysis. <b>Commitment: 30 September 2003</b> <b>Planned: 30 September 2003</b>				Final analytical results were received on June 30. The final report is being prepared for delivery by September 30th.
CD0034	<a href="#">C.2.2.3 200 Area Surveillance and Maintenance</a>	WBS 3.3.1.5 Central Plateau Facility S&M Maintain Safe & Compliant Plutonium-Uranium Extraction	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.3, Row 1, Deliverable 3</a> <a href="#">DE-AC06-96RL13200,</a>	<b>Authorization Agreement for PUREX (Review and update yearly)</b>  Authorization Agreement for PUREX (2003) <b>Planned: 30 September 2003</b>				

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0036	<a href="#">C.2.2.3</a> 200 Area Surveillance and Maintenance	<a href="#">WBS 3.3.1.5</a> Central Plateau Facility S&M Maintain Safe & Compliant B-Plant Until Final Disposition	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.3, Row 1, Deliverable 5</a> <a href="#">DE-AC06-96RL13200, H.41, first sentence</a> <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for B Plant (review and update yearly)</b>  Authorization Agreement for B Plant (2003) Planned: 30 September 2003				
CD0037	<a href="#">C.2.2.3</a> 200 Area Surveillance and Maintenance	<a href="#">WBS 3.3.1.5</a> Central Plateau Facility S&M Maintain Safe & Compliant Plutonium-Uranium Extraction Plant Until Final Disposition	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.3, Row 6</a> <a href="#">DE-AC06-96RL13200, H.41, first sentence</a> <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for PUREX Facility Storage Tunnels (review and update yearly)</b>  Authorization Agreement for PUREX Facility Storage Tunnels (2003) Planned: 30 September 2003				
CD0038	<a href="#">C.2.2.3</a> 200 Area Surveillance and Maintenance	<a href="#">WBS 3.3.1.5</a> Central Plateau Facility S&M Maintain Safe & Compliant T-Plant Facility During Transition	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.2.3, Row 7</a> <a href="#">DE-AC06-96RL13200, H.41, first sentence</a> <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for 224-T (review and update yearly)</b>  Authorization Agreement for 224-T (2003) Planned: 30 September 2003				
CD0042	<a href="#">C.2.3.4</a> 300 ACP Facilities Deactivation Pending Transfer to River Corridor Contract	<a href="#">WBS 3.1.6.2</a> 327 Facility Safe Shutdown Maintain Safe & Compliant 327 Facility During Transition	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.3.4, Row 2, Deliverable 2</a> <a href="#">DE-AC06-96RL13200, H.41, first sentence</a> <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement 327 (review and update yearly)</b>  Authorization Agreement 327 (2003) Planned: 30 September 2003				
CD0052	<a href="#">C.2.4.1</a> East Flux Test Facility (FFTF)	<a href="#">WBS 2.1.1.1.2.1.1</a> FFTF	• FFTF	<a href="#">DE-AC06-96RL13200, C.2.4.1, Row</a>	Draft document to include environmental and cost analyses and				

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0060	<a href="#">C.2.6 Groundwater Protection</a>	<a href="#">WBS 3.4.4.1 Management &amp; Integration</a> Manage and Integrate Hanford Site Groundwater Protection	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.6, Row 1, Deliverable 1</a>	Complete Site-Wide Well Management Plan including assignment of all monitoring wells to the Contractor. <b>Commitment: 30 September 2003</b> <b>Planned: 30 September 2003</b>				Completed in June 2003 and approved for release 7/8/2003
CD0063	<a href="#">C.2.6 Groundwater Protection</a>	<a href="#">WBS 3.4.4.1 Management &amp; Integration</a> Manage and Integrate Hanford Site Groundwater Protection	• Central Plateau Remediation	<a href="#">DE-AC06-96RL13200, C.2.6, Row 1, Deliverable 2</a>	<b>Complete Vadose Zone monitoring study. Interim Report Due 28 February 2003 and final report due 30 July 2003.</b>				
					Complete Vadose Zone monitoring study final report <b>Commitment: 30 July 2003</b> <b>Planned: 30 July 2003</b>				RL agreed to September 12, 2003 as the Commitment date. Contract modification is pending RL approval.
CD0081	<a href="#">C.3.3 Waste Receiving and Processing Facility (WRAP)</a>	<a href="#">WBS 3.3.2.4 TRU Program</a> Maintain Safe & Compliant WRAP Facility Operations	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.3, Row 1, Deliverable 1</a>  <a href="#">DE-AC06-96RL13200, H.41, first sentence</a>  <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for WRAP (review and update yearly)</b>				
					Authorization Agreement for WRAP (2003) <b>Planned: 30 September 2003</b>				
CD0087	<a href="#">C.3.5 242-A Evaporator</a>			<a href="#">DE-AC06-96RL13200, C.3.5, Row 1, Deliverable 1</a>  <a href="#">DE-AC06-96RL13200, H.41, first sentence</a>  <a href="#">DE-AC06-96RL13200, H.41, third sentence</a>	<b>Authorization Agreement for 242-A Evaporator Facility (review and update yearly)</b>				
					Authorization Agreement for 242-A Evaporator Facility (2003) <b>Planned: 30 September 2003</b>				Transferred to CHG. To be DELETED (Mod 185 pending)
CD0244	<a href="#">C.3.7 200 Area Effluent Treatment Facility (ETF)</a>	<a href="#">WBS 3.3.2.6 Liquid Waste Processing Facilities</a> Treat Liquid Effluents in the ETF	• Waste Management	<a href="#">DE-AC06-96RL13200, C.3.7, Row 1, Deliverable 1</a>	M-26-05J : Evaluation of development status of tritium treatment technology that would be pertinent to the cleanup and management of tritiated waste water <b>Commitment: 31 August 2003</b> <b>Planned: 31 August 2003</b>				This TPA milestone has been deleted per CR M-26-02-01 approved 4/24/2003 and replaced with TPA milestone M-26-07A, "Submit Evaluation of Status of Development of Tritium Treatment Technology" Due: 03-31-04. Pursuing direction from RL.

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0098	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.2.1 Landlord Services Asset Disposition (Investment Recovery Operations)</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.4.2, Row 2, Deliverable 2</a>	<b>Quarterly Report of Personal Property Sales</b>				
					Quarterly Report of Personal Property Sales (FY2003 Quarter 4) <b>Planned: 12 October 2003</b>				<b>ISSUE: Report is Discontinued.</b> <b>0303399/03-FMD-0327 August 28, 2003</b> <b>0303399/03-FMD-0327</b>
CD0114	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 1</a>	<b>Nuclear Material Accountability Transaction Data Report (Monthly)</b>				
					Nuclear Material Accountability Transaction Data Report (FY2003 September) <b>Planned: 13 October 2003</b>				Deliver to telecommunications via Classified Document Control by the 8th working day of the following month.
CD0115	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 2</a>	<b>Nuclear Material Balance Report (Monthly)</b>				
					Nuclear Material Balance Report (FY2003 September) <b>Planned: 15 October 2003</b>				Deliver to telecommunications via Classified Document Control by the 15th day of the following month.
CD0122	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 5</a>	<b>Protective Force Strength Report (Quarterly)</b>				
					Protective Force Strength Report (2003 4th Quarter) <b>Planned: 20 October 2003</b>				Forwarded information to DOE-RL via e-mail.
CD0120	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 6</a>	<b>Quarterly Category of Ending Inventory Report</b>				
					Quarterly Category of Ending Inventory Report (2003 4th Quarter) <b>Planned: 15 October 2003</b>				Deliver to telecommunications via Classified Document Control by the 15th day of the following month following the quarter.
CD0119	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 7</a>	<b>Quarterly Classification Officers Report</b>				
					Quarterly Classification Officers Report (2003 4th Quarter) <b>Planned: 20 October 2003</b>				Forward information to DOE-RL via e-mail.
CD0116	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.6.2 FH Safeguards &amp; Security Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.4.2, Row 41, Deliverable 9</a> <a href="#">CRD O 470.1, Chg 1 (Supp Rev 1), Section C 2) e subpart 1</a> <a href="#">CRD O 470.1, Chg 1 (Supp Rev 1),</a>	<b>Status Report on DOE Findings (Quarterly)</b>				
					Status Report on DOE Findings - 4th Quarter FY2003 <b>Planned: 10 October 2003</b>				Forward information to DOE-RL via e-mail.

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0125	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.2.1 Landlord Services Utilities Operations and Maintenance--Electrical Utilities</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.4.2, Row 50, Deliverable 1</a>	<b>Hanford Site 10-Year Load Forecast (Annual)</b> Hanford Site 10-Year Load Forecast (2003) <b>Planned: 30 September 2003</b>				
CD0299	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.2.1 Landlord Services Utilities Operations and Maintenance--Water Compliance and Sampling</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.4.2, Row 52, Deliverable 3</a>	<b>Water Quality Monitoring Report (Annual)</b> Water Quality Monitoring Report (2003) <b>Planned: 30 September 2003</b>				
CD0300	<a href="#">C.4.2 Hanford Site Services</a>	<a href="#">WBS 3.4.2.1 Landlord Services Utilities Operations and Maintenance--Water Compliance and Sampling</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.4.2, Row 52, Deliverable 4</a>	<b>200E, 200W, 300, 400 Area Drinking Water Report (Monthly)</b> 200E, 200W, 300, 400 Area Drinking Water Report (2003, September) <b>Planned: 10 October 2003</b>				
CD0145	<a href="#">C.5.1 Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 3.4.1.2 Environmental Compliance Environmental Protection</a>	• Regulatory Compliance	<a href="#">WA780008967, Permit Condition II.H.1. (Sept. 94)</a> <a href="#">WA780008967, Permit Condition II.H.2. (Sept. 94)</a> <a href="#">DE-AC06-96RL13200, C.5.1, Row 1, Deliverable 9</a>	<b>Closure/Post-Closure Cost Estimate (Annual)</b> Closure/Post-Closure Cost Estimate (2003) <b>Planned: 17 October 2003</b>				
CD0154	<a href="#">C.5.1 Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 3.4.1.2 Environmental Compliance Environmental Protection</a>	• Regulatory Compliance	<a href="#">WA780008967, Permit Condition I.C.3</a> <a href="#">WAC 173-303, WAC 173-303, Section 830, (4)(a)(i)(A)</a> <a href="#">DE-AC06-96RL13200, C.5.1, Row 1, Deliverable 19</a>	<b>Quarterly RCRA Permit Class I Modification Notification</b> Quarterly RCRA Permit Class I Modification Notifications (2003 4th Quarter) <b>Planned: 1 October 2003</b>				
CD0293	<a href="#">C.5.1 Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 6.5.10.1.1 Price Anderson Amendment Act Nuclear Safety</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1, Row 3, Deliverable 2</a>	<b>Quarterly Update of the Startup Notification Report for Fluor Hanford Managed Facilities</b> Quarterly Update of the Startup Notification Report for Fluor Hanford Managed Facilities (2003 4th Quarter) <b>Planned: 20 October</b>				



## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0133	<a href="#">C.5.1</a> <a href="#">Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 6.10.1.5.1</a> <a href="#">OS&amp;H Shared Services Occupational Safety &amp; Health</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.5.1, Row 4, Deliverable 2</a> <a href="#">CRD O 231.1, Chg 2, Section 1</a> <a href="#">CRD O 231.1, Chg 2, Section 1.a</a> <a href="#">CRD O 231.1, Chg 2, Section 1.b</a>	<b>OSHA 2001 Log Summary Report (Annual)</b>  OSHA 2001 Log Summary Report (2003) <b>Planned: 30 September 2003</b>				
CD0134	<a href="#">C.5.1</a> <a href="#">Environment, Safety, Health and Quality Assurance (ESH&amp;Q)</a>	<a href="#">WBS 6.10.1.5.1</a> <a href="#">OS&amp;H Shared Services Occupational Safety &amp; Health</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200, C.5.1, Row 4, Deliverable 3</a>	<b>Calendar Year 200X - Computerized Accident/Incident Reporting System Tabulation of Work Hours and Vehicle Usage, and Property Evaluations (Quarterly)</b>  Manhour and Vehicle Usage Report (3rd Quarter CY2003) <b>Planned: 20 October 2003</b>				
CD0266	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 1</a>	<b>Added Factor Report (Annual)</b>  Added Factor Report (2003) <b>Planned: 30 September 2003</b>				
CD0267	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 2</a>	<b>Annual Estimated Property Valuation</b>  Annual Estimated Property Valuation (2003) <b>Planned: 30 September 2003</b>				
CD0269	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 3</a>	<b>Annual Report on Contractor Workforce Restructuring</b>  Annual Report on Contractor Workforce Restructuring (2003) <b>Planned: 3 October 2003</b>				
CD0270	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 4</a>	<b>Conference Management Report (Quarterly)</b>  Conference Management Report (2003 4th Quarter) <b>Planned: 10 October 2003</b>				
CD0179	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 5</a>	<b>Contract Funds Status Report (Monthly)</b>  Contract Funds Status Report (September FY03) <b>Planned: 20 October 2003</b>				
CD0177	<a href="#">C.5.3</a> <a href="#">Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1</a> <a href="#">Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 7</a> <a href="#">DE-AC06-</a>	<b>Department of Labor Form 5500 (Annual)</b>  Department of Labor (DOL) 5500's (2003) <b>Planned: 15 October 2003</b>				

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req' mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0273	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 10</a>	<b>Erroneous Payment Report (Quarterly)</b> Erroneous Payment Report (FY2003 4th Quarter) <b>Planned: 20 October 2003</b>				
CD0173	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 13</a>	<b>Financial Information System (FIS) Management &amp; Reporting System (MARS) (Month-End Deadlines)</b> Financial Information System (FIS) Management & Reporting System (MARS) (FY2003 September) <b>Planned: 10 October 2003</b>				
CD0279	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 17</a>	<b>Fiscal Year 200X Year-End Requirements and FY200X Planning Requirements (Annual)</b> Fiscal Year 200X Year-End Requirements and FY200X Planning Requirements (FY2003) <b>Planned: 30 September 2003</b>				
CD0277	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 18</a>	<b>Fiscal Year 200X Travel Target Fourth Quarter Report and Fiscal Year 200X Travel Target Request (Annual)</b> Fiscal Year 200X Travel Target Fourth Quarter Report and Fiscal Year 200X Travel Target Request (FY2003) <b>Planned: 15 October 2003</b>  1st & 2nd Quarter FH-0301620 Completed: 21 April 2003  3rd Quarter FH-0302841 Completed: 22 July 2003				
CD0281	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 19</a>	<b>Fluor Hanford, Inc., Cost Submittal FHXXXX (Monthly)</b> Fluor Hanford, Inc., Cost Submittal FHXXXX (FY2003 September) <b>Planned: 10 October 2003</b>				
CD0294	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 22</a>	<b>Reconciliation of Activities Charged to Suspense Debits and Budget and Reporting (B&amp;R) Number (Monthly)</b> Reconciliation of Activities Charged to Suspense Debits and Budget and Reporting (B&R) Number (FY2003, September) <b>Planned: 10 October 2003</b>				
CD0295	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.10.1.1 Business Systems Management Accounting System</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.3, Row 1, Deliverable 23</a>	<b>Report of Compensation (Form DOE-F-3230.6a) (Annual)</b> Report of Compensation (Form DOE-F-3230.6a) (FY2003) <b>Planned: 5 October</b>				

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments
CD0290	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.9.2.1 Site Planning &amp; Integration - SS Contract Reporting</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.5.3, Row 4, Deliverable 2</a>	<b>Procurement Balanced ScoreCard (Annual)</b>				
					Procurement Balanced ScoreCard (FY2003) Planned: 15 October 2003				
CD0272	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.9.2.1 Site Planning &amp; Integration - SS Contract Reporting</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.5.3, Row 4, Deliverable 5</a>	<b>EEO-1 Report - Required by and sent to the U.S. Department of Labor (Annual)</b>				
					EEO-1 Report - Required by and sent to the U.S. Department of Labor (FY2003) Planned: 30 September 2003				
CD0285	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.9.2.1 Site Planning &amp; Integration - SS Contract Reporting</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.5.3, Row 4, Deliverable 7</a>	<b>Internal Audit Quarterly Status Report</b>				
					Internal Audit Quarterly Status Report (4th Quarter FY 2003) Planned: 20 October 2003				
CD0298	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.6.9.2.1 Site Planning &amp; Integration - SS Contract Reporting</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.5.3, Row 4, Deliverable 17</a>	<b>VETS-100 Report - Required by and sent to the U.S. Department of Labor (Annual)</b>				
					VETS-100 Report - Required by and sent to the U.S. Department of Labor (FY2003) Planned: 30 September 2003				
CD0165	<a href="#">C.5.3 Management Products and Controls</a>	<a href="#">WBS 6.26.1.1.1 Requirements Management Contractor Management Plan</a>	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.3, Row 5, Deliverable 1</a>	<b>Fluor Management Plan (HNF-MP-001) (review and update yearly)</b>				
					Fluor Management Plan (HNF-MP-001) (FY2003) Planned: 30 September 2003				
CD0195	<a href="#">C.5.4 Legal Services and Litigation Management</a>	<a href="#">WBS 6.6.2.1.1 Legal Services and Litigation Management</a>	• Business Systems	<a href="#">Litigation Management Plan (LMP), Litigation Management Plan (LMP)</a>  <a href="#">DE-AC06-96RL13200, C.5.4, Row 1, Deliverable 4</a>	<b>Quarterly RL Law Report</b>				
					Quarterly RL Law Report (FY2003 4th Quarter) Planned: 20 October 2003				
CD0196	<a href="#">C.5.4 Legal Services and Litigation Management</a>	<a href="#">WBS 6.6.2.1.1 Legal Services and Litigation Management</a>	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.4, Row 1, Deliverable 5</a>  <a href="#">DE-AC06-96RL13200, L117(b), sentence 1</a>  <a href="#">DE-AC06-96RL13200, L117(b), sentence 2</a>	<b>Subject Inventions/Patents Reports (Annual)</b>				
					Subject Inventions/Patents Reports (2003) Planned: 30 September 2003				
CD0291	<a href="#">C.5.9 Direct Support</a>	<a href="#">WBS 6.6.2.1.1 Legal Services</a>	• Business Systems	<a href="#">DE-AC06-96RL13200,</a>	<b>Quarterly Limited Emergency Preparedness Exercise Evaluation Reports</b>				

## CONTRACT DELIVERABLES, CONTINUED

Ref. ID	SOW Section	WBS Scope	Resp.	Req'mt	Deliverable	FH Letter No. & Date Completed	Needed GFS/I	RL Letter No. & Date Completed	Comments	
CD0205	<a href="#">C.5.9 Direct Support to DOE/RL (Department of Energy, Richland Office)</a>	<a href="#">WBS 6.6.2.1.1 Legal Services</a> Emergency Preparedness - RL Support	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.9, Row 3, Deliverable 3</a>  <a href="#">CRD O 151.1A, Item 4</a>  <a href="#">DOE/RL-94-02, Section 14.2.1</a>	<b>Emergency Readiness Assurance Plan/Report (ERAP) (Annual)</b>  Emergency Readiness Assurance Plan/Report (ERAP) (2003) Planned: 30 September 2003					to be DELETED (Mod 185 pending)
CD0203	<a href="#">C.5.9 Direct Support to DOE/RL (Department of Energy, Richland Office)</a>	<a href="#">WBS 6.6.2.1.1 Legal Services</a> Emergency Preparedness - RL Support	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.9, Row 3, Deliverable 4</a>  <a href="#">DOE/RL-94-02, Section 14.2.4</a>  <a href="#">DOE/RL-94-02, Section 14.2.4</a>  <a href="#">DOE/RL-94-02, Section 14.2.4</a>	<b>Quarterly Emergency Management Metrics Data</b>  Quarterly Emergency Management Metrics Data (FY2003 4th Quarter) Planned: 20 October 2003					to be DELETED (Mod 185 pending)
CD0202	<a href="#">C.5.9 Direct Support to DOE/RL (Department of Energy, Richland Office)</a>	<a href="#">WBS 6.6.8.1.1 Contracts Administration</a> Site-Wide RL Support	• Business Systems	<a href="#">DE-AC06-96RL13200, C.5.9, Row 6, Deliverable 5</a>  <a href="#">DOE 5400.1, Chg 1, Chapter III, Section 4</a>	<b>Waste Minimization Program Plan (Waste Stream Priority) (Annual)</b>  Waste Minimization Program Plan (Waste Stream Priority) (FY2003) Planned: 30 September 2003					to be DELETED (Mod 185 pending)

## FY 2003 SCHEDULE/COST PERFORMANCE (\$K)

The following provides a brief synopsis of overall PHMC contract cost/schedule performance.

Fiscal Year To Date (\$K)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
<b>Spent Nuclear Fuel Project</b>								
RL-RS03 Spent Nuclear Fuel	141,166	138,253	146,309	-2,913	-2%	-8,056	-6%	156,184
<b>Central Plateau Remediation</b>								
RL-RC06 300 Area Facility Transition	20,559	20,273	17,480	-286	-1%	2,793	14%	22,489
RL-CP01 200 Area Remediation	26,451	24,436	29,745	-2,014	-8%	-5,309	-22%	28,892
<b>Plutonium Finishing Plant</b>								
RL-CP03 Plutonium Finishing Plant	93,107	87,458	88,399	-5,648	-6%	-940	-1%	104,203
<b>Fast Flux Test Facility</b>								
RL-RC03 Advanced Reactor Transition	1,846	1,880	1,304	34	2%	576	31%	2,210
RL-CP04 FFTF Project	34,442	33,649	31,990	-794	-2%	1,659	5%	38,151
<b>Waste Management</b>								
RL-RS01 South Hanford Industrial Area Clean Up	227	207	206	-20	-10%	1	1%	253
RL-CP02 200 Area Materials & Waste Mgm't	101,912	96,761	94,637	-5,151	-5%	2,125	2%	114,419
RL-SS03 Groundwater Management & Monitoring	19,321	17,081	15,517	-2,240	-13%	1,564	9%	21,445
RL-SS04 Groundwater/Vadose Zone Protection	2,947	2,863	2,701	-84	-3%	162	6%	3,181
RL-SC01 Near Term Stewardship	2,235	2,206	1,908	-29	-1%	298	14%	2,482
<b>Site Integration and Infrastructure</b>								
RL-SS01 Site Systems & Regulatory Analysis	12,956	12,956	11,576	0	0%	1,380	11%	19,471
RL-SS02 Landlord & Site Services	55,278	53,587	42,094	-1,692	-3%	11,493	21%	68,302
RL-SS05 HAMMER	4,473	4,445	4,118	-28	-1%	328	7%	4,939
RL-SS-D Safeguards & Security	40,118	40,118	39,742	0	0%	376	1%	44,407
<b>Subtotal Sub-project Work scope</b>	<b>557,038</b>	<b>536,173</b>	<b>527,723</b>	<b>-20,865</b>	<b>-4%</b>	<b>8,450</b>	<b>2%</b>	<b>631,029</b>
<b>National Programs (T&amp;P, WM)</b>	<b>763</b>	<b>763</b>	<b>671</b>	<b>0</b>	<b>0%</b>	<b>92</b>	<b>12%</b>	<b>945</b>
RFS/DOE-Directed	9,824	9,824	8,549	0	0%	1,275	13%	11,299
Work for Federal Agencies	5,504	5,504	5,438	0	0%	66	1%	7,794
Work for Non-Federal Agencies	828	828	717	0	0%	110	13%	1,444
Inter-DOE Work Orders	2,855	2,855	2,536	0	0%	319	11%	3,266
Work from PNNL	5,957	5,966	5,091	9	0%	875	15%	6,900
Work from BHI	2,325	2,337	1,752	12	1%	585	25%	2,581
Work from CH2M	49,693	49,569	48,699	-124	0%	870	2%	54,905
Other Work for Others	476	476	414	0	0%	62	13%	513
<b>Total Work For Others</b>	<b>78,224</b>	<b>78,120</b>	<b>73,866</b>	<b>-104</b>	<b>0%</b>	<b>4,254</b>	<b>5%</b>	<b>89,648</b>
<b>Total FH Contract Work scope</b>	<b>635,260</b>	<b>614,293</b>	<b>601,589</b>	<b>-20,968</b>	<b>-3%</b>	<b>12,704</b>	<b>2%</b>	<b>720,676</b>

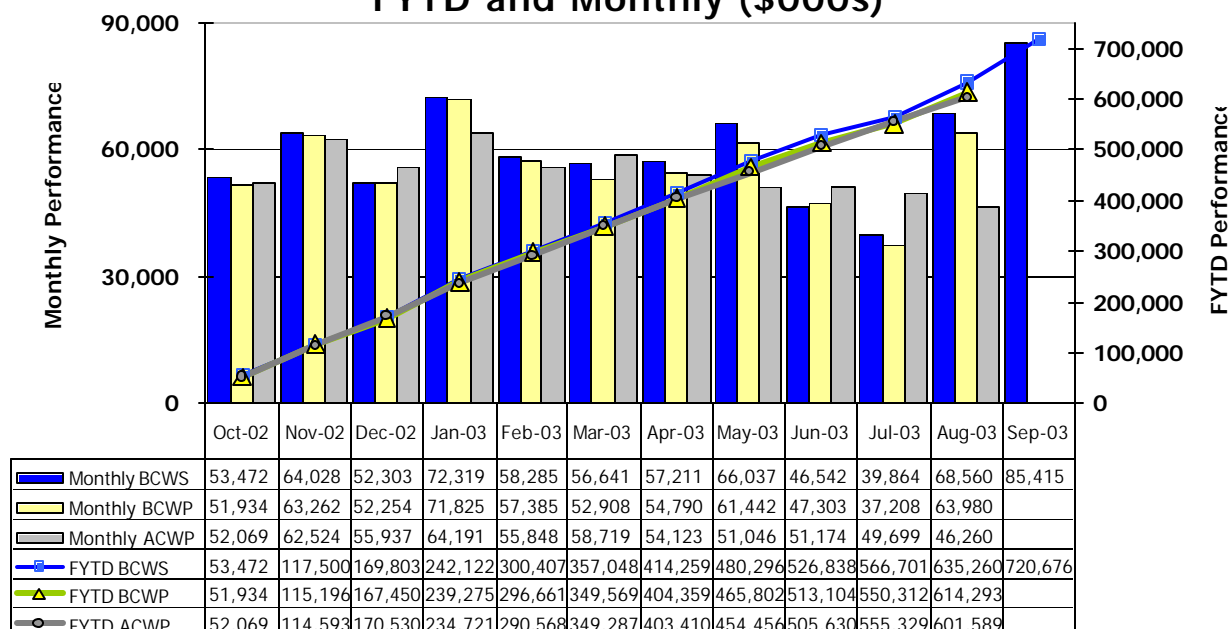
**SCHEDULE PERFORMANCE:** FYTD schedule performance reflects a -3%/- \$20,968K unfavorable schedule variance. The established threshold is +/-10% or \$1M. The significant schedule variances are discussed in the following sections: Spent Nuclear Fuel Project (Section B); Central Plateau Remediation (Section C); Plutonium Finishing Plant (Section D); Waste Management (Section F); and Project Systems and Support (Section G).

**Cost Performance:** FYTD cost performance reflects a 2%/\$12,704K, favorable cost variance. The established threshold is +/-10% or \$1M. The significant cost variances are discussed in the following sections: Spent Nuclear Fuel Project (Section B), Central Plateau Remediation (Section C), Fast Flux Text Facility (Section E), Waste Management (Section F), Project Systems and Support (Section G), Site Integration and Analysis (Section H) and Work for Others (Section I).



## FY 2003 SCHEDULE/COST PERFORMANCE STATUS, CONTINUED

### Performance Status FYTD and Monthly (\$000s)



## MILESTONE PERFORMANCE

Milestones represent significant events in project execution. Milestones are established to provide high level visibility to critical deliverables and specific status on the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC contract. FY 2003 milestone information is based upon the current baseline including RL-approved changes. Changes in both the number and type of milestones from month to month are the result of Baseline Change Requests approved during the year.

Fiscal year milestone performance (Enforceable Agreement, U.S. Department of Energy-Headquarters [DOE-HQ], and RL) shows that eighteen milestones were completed on or ahead of schedule, two were completed late and three milestones are overdue.

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	Total FY 2003
Enforceable Agreement	16	1	2	2	1	1	0	23
DOE-HQ	1	0	0	0	0	0	0	1
DOE-RL	0	0	0	1	0	4	0	5
Total FH	17	1	2	3	1	5	0	29

## MILESTONE PERFORMANCE, CONTINUED

The overdue enforceable agreement milestones are Tri-Party Agreement (TPA) Milestones:

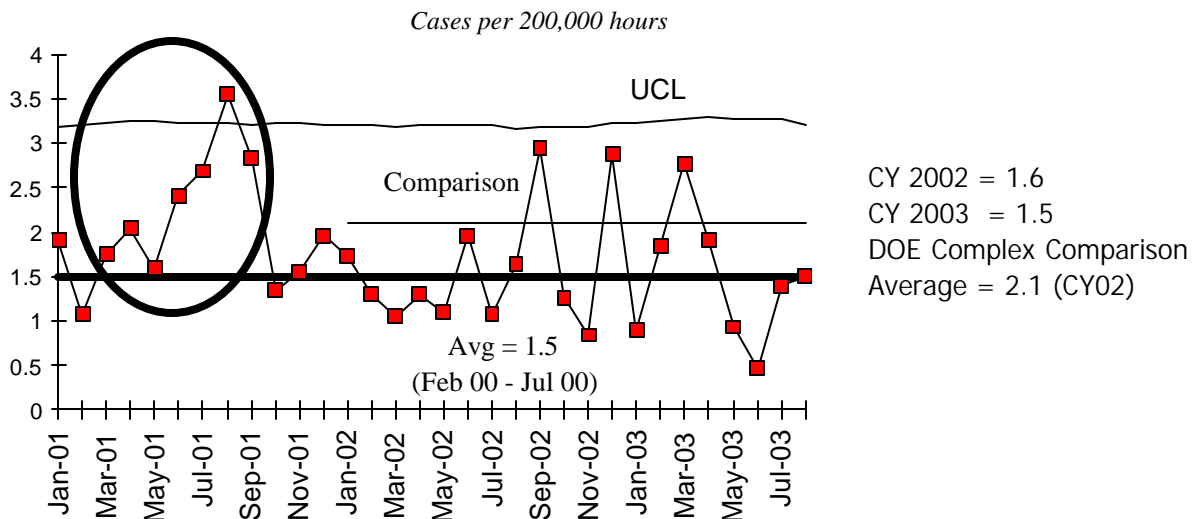
- M-34-08/S04-02-205, *Initiate Full Scale KE Basin Sludge Removal*, forecast to be ready to commence contractor Operational Readiness Review by October 18, 2003 (addressed in Section B); and
- M-91-12A/WMH-03-015, *Treat 240 Cubic Meters by 12/31/2002* which TPA has sent a letter of direction to RL to change the date of December 31, 2004 (detailed in Section F).

The overdue RL milestone is S04-00-205, *CD4/Complete Operational Readiness Review sludge transfer from K Basins* where the forecast is to be ready to commence contractor Operational Readiness Review by October 18, 2003 (detailed in Section B).

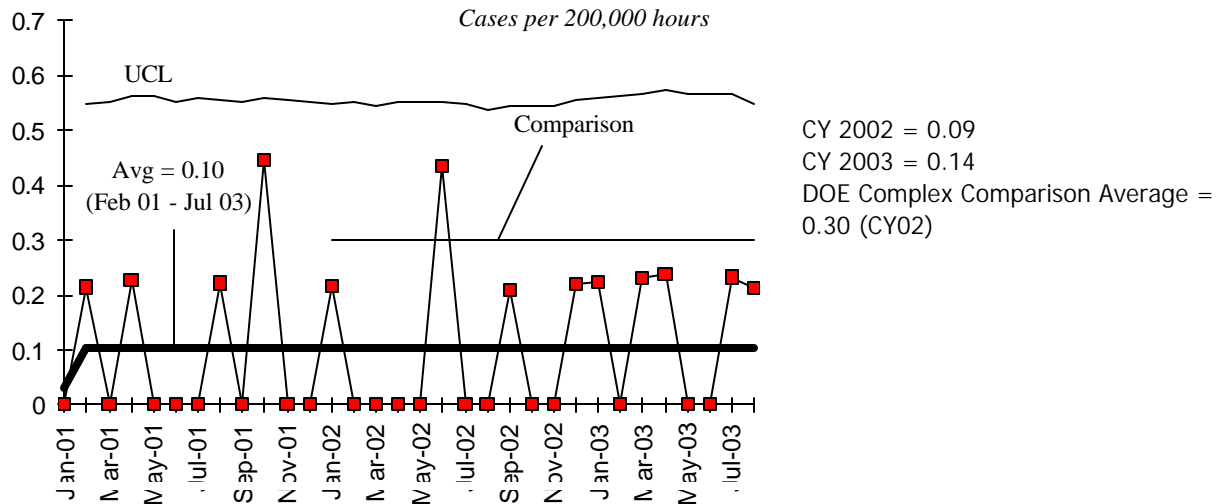
## SAFETY OVERVIEW

The focus of this section is to document trends in occurrences. FH continues to focus on improving safety through the efforts of the PHMC workforce as they implement the Integrated Environmental Safety and Health Management System, work towards achieving Voluntary Protection Program "star" status, and accomplish work through Enhanced Work Planning. Safety and health statistical data is presented below. The safety charts are reported according to Occupational Safety and Health Administration (OSHA) standards.

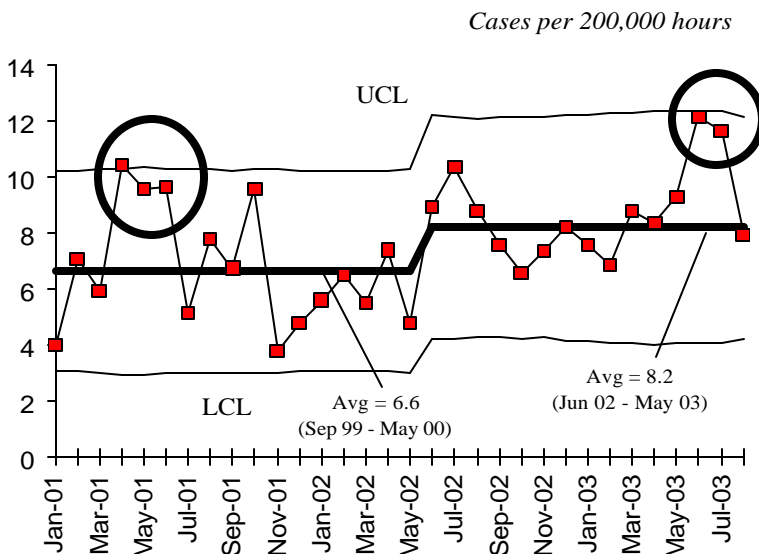
**Total OSHA Recordable Case Rate:** The FH OSHA Recordable Rate remains stable at the 1.5 baseline average. However, increases in the First Aid Case Rate are a leading indication that continued focus on safety improvement activities is needed.



**OSHA Days Away From Work (DAFW) Case Rate:** The FH safe work hours total is currently 120,576. The safe hours count was reset on August 27, 2003, following a DAFW injury resulting from a third-party motor vehicle accident.

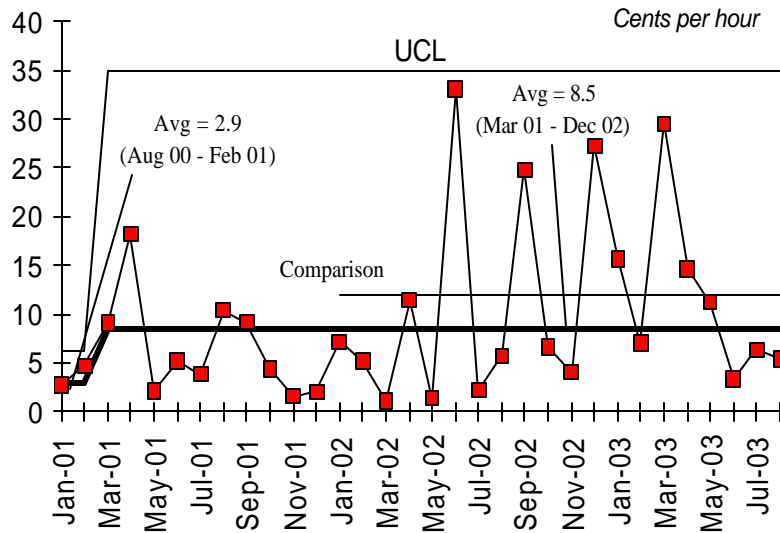


**First Aid Case Rate:** The First Aid Rate undergoes seasonal cycles. Some of the increase is related to summer injuries, but much of the increase is in Strains, Sprains, and Pains. A new baseline average has been calculated due to recent increases, and June and July 2003 are significantly higher than average. August came in on the new baseline.



Fiscal year calculations are not included as DOE does not publish a comparison rate, and comparisons of partial fiscal year data to prior years would not be appropriate due to the routine cyclical trends in the data.

**Safety Cost Index:** FH has reviewed past Restricted Work Activity cases that are still incurring restricted time, and has referred several for medical re-evaluation.



CY 2002 = 10.8  
CY 2003 = 11.6  
DOE Complex Comparison = 11.9

## GOLD METRICS

Note: RL/HQ metrics relate to the Integrated Planning and Accountability System (IPABS). IPABS quantities were reported before the data was validated, thus third quarter MLLW and LLW actual values were erroneous. Prior to final reporting to DOE-HQ, RL will point-adjust the September actual to reflect the correct FYTD values.

Measure/Units		FY03 1-Qtr	FY03 2-Qtr	FY03 3-Qtr	FYTD thru August	Sep-03	FY03 Total
Plutonium Metal or Oxide packaged for long-term storage (# of containers)	Planned	500	500	500	1,500	500	2,000
	Actual	200	200	500	1,400	-	-
Plutonium or Uranium Residues packaged for disposition (kg/bulk)	Planned	413	421	61	895	-	895
	Actual	580	202	28	1,041	-	-
Transuranic Waste shipped for disposal at WIPP (cubic meters)	Planned	9	9	30	48	30	78
	Actual	9	9	126	221	-	-
Spent Nuclear Fuel packaged for final disposition (MTHM)	Planned	324	146	197	667	188	855
	Actual	300	186	183	754	-	-
Low-Level and Mixed Low-Level Waste disposed (cubic meters)	Planned	916	383	401	1,700	620	2,320
	Actual	916	383	840	3,261	-	-
Nuclear Facility Completions (# of facilities)	Planned	2	-	-	2	-	2
	Actual	2	-	-	2	-	-
Industrial Facility Completions (# of facilities)	Planned	-	-	-	-	2	2
	Actual	-	-	2	2	-	-



## FY 2003 FH FUNDS VS. SPEND FORECAST (\$000)

This chart reflects the FH organizational structure. This breakout is necessary to provide FH project managers with information specific to their areas of responsibility and accountability and to facilitate effective management of the funds within their control (obligated to the PHMC).

Sub-project	PBS	Funding Guidance FY 2003	FY 2003 Fiscal Year Spend Forecast	Control Point		
				Project Completion	Post 2006	Other
Spent Nuclear Fuel	RS03	\$164,498	\$160,350	\$4,148		
Central Plateau Remediation	RC06	\$20,660	\$18,698	\$1,962		
	CP01	\$34,848	\$34,713		\$135	
	Total CP	\$55,508	\$53,411	\$1,962	\$135	
Plutonium Finishing Plant	CP03	\$107,412	\$102,620	\$4,792		
Fast Flux Test Facility	CP04	\$38,171	\$36,066			\$2,105
Advanced Reactor Transition	RC03	\$2,219	\$1,544			\$675
Waste Management	CP02	\$111,450	\$108,829	\$2,621		
	RS01	\$305	\$238		\$67	
	SC01	\$2,393	\$2,111		\$282	
	SS03	\$20,289	\$18,279		\$2,010	
	SS04	\$3,217	\$3,047		\$170	
	Total WM	\$137,654	\$132,504	\$2,621	\$2,529	
Landlord and Site Services	SS02	\$61,591	\$49,590	\$12,001		
Site Systems & Regulatory Analysis	SS01	\$14,297	\$12,253		\$2,044	
HAMMER	SS05	\$4,939	\$4,664		\$275	
Safeguards and Security	SS-D	\$47,958	\$45,760			\$2,198
<b>Total FH</b>		<b>\$634,247</b>	<b>\$598,762</b>	<b>\$25,524</b>	<b>\$4,983</b>	<b>\$4,978</b>

## ISSUES

### Spent Nuclear Fuel (SNF)

**Sludge Retrieval and Disposition:** The TPA milestone (M-34-08) to begin K East sludge movement by December 31, 2002, is late. Effective September 17, 2003, SWS activities were reorganized into a single organization reporting directly to FH's President and Chief Executive Officer. This reorganization is a key component of FH's plan to bring focus on SWS activities. On September 12, 2003, RL approved the SWS DSA to support construction that documented FH's technical approach for the SWS. The DSA for the SWS will be submitted to RL by September 29, 2003. Approval will be required by October 6, 2003, in order to maintain schedule. The project remains on schedule for critical path activities required to declare operational readiness on October 18, 2003. A work-around is in place for the procurement of regulator valves, which are now on the critical path.

**Fuel Production – FTS Shipments:** Removal of all K Basin fuel by July 31, 2004, is based upon the completion of FTS shipments by January 31, 2004. As of September 22, 2003, the project completed 169 FTS shipments (1,690 canisters) and is 30 shipments (300 canisters) behind schedule. Operation of the

## **ISSUES, CONTINUED**

K East and K West FTS lift tables has degraded since July with multiple limit-switch and alignment problems. Recovery actions are in progress and include the following:

- Assigned a contract engineer with excellent FTS design/installation experience to work with the FTS project team to support system evaluation and repairs. The following system maintenance activities were performed:
  - Leveled both tables;
  - Replaced three of four right-angle drives in K East; and
  - Installed noise monitoring equipment in K East to evaluate the source of noise and vibration in the jackscrews.
- Assembling a small expert team to evaluate alternative methods of transferring fuel from K East to K West that can be used in parallel with, or in lieu of, the FTS. This team will also evaluate alternatives to the MCO Load-out System/Canister Load-out System equipment associated with the MCOs.

### **Central Plateau Remediation Project (CP)**

**233-S Facility D&D:** Accelerated 233-S demolition activities are in progress to complete the project by November 14, 2003. A revised execution plan was developed to support the accelerated schedule. The new contractor, CR/X Environmental Services, Inc. (CR/X), has moved heavy equipment (excavator and shear attachment) to the Site and re-assembled it. They are currently undergoing testing and maintenance to prepare for field work. CR/X has completed the wall-cut plan, and FH is integrating it into the work planning documents for field execution. The Air Monitoring Plan and Remedial Action Plan Report have been approved, and the Radiological Control Plan has been issued. Demolition preparations on day/swing shift schedule, with overtime on weekends, have been executed.

### **Plutonium Finishing Plant Project (PFP)**

**Shipment of the first 3013 containers to the Savannah River Site (SRS):** PFP continues working with DOE (RL, HQ and SRS) to resolve issues and complete all activities needed to make the first shipment of material from PFP to SRS.

### **Waste Management Project (WM)**

**Waste Management Performance on Lock-out/Tag-out:** Initiated procedures and controls for the lock-out/tag-out program which results in and reflects a zero-tolerance level of lock and tag violations. An independent check of personnel training records to validate qualifications was completed. Individuals accountable for lock and tag have been identified, and briefings with all management on the expectations for control of hazardous energy and the significance of individual performance are underway. Additional briefings are planned for all personnel involved in the program. The expected completion date is September 30, 2003.

## **ISSUES, CONTINUED**

**Receipt of an Administrative Order on Washington Hazardous Waste Management Act and Dangerous Waste Regulation:** Significant acceleration of retrieval, designation, treatment and certification of MLLW and TRU waste is required. The stay was extended until October 1, 2003, for section II.C.ii. The draft Sampling and Analysis Plan for burial ground 218-W-4C was completed and transmitted to Ecology on August 12, 2003. A change package was approved to change the August 31, 2003, milestone date for submission of the TRU/TRU mixed waste Project Management Plan to December 31, 2003. Negotiations continue between RL and Ecology on a proposed change package and settlement agreement. The agreements will include suspect TRU retrieval milestones that will be difficult to meet and fundamentally changes the current planning basis for retrieval. RL direction on implementing the draft change package is expected by October 1, 2003. Until negotiations are concluded, the terms of the order remain in effect and are difficult, if not impossible, to meet based on current and planned waste retrieval, designation, treatment and certification capabilities for MLLW and TRU waste. Significant impacts include needing additional funding above the current baseline to execute this new work scope, plus the risk of being subject to enforcement by Ecology if the terms are not met.